

10/067, 457

FILE 'STNGUIDE' ENTERED AT 14:04:17 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 15, 2004 (20041015/UP).

=> .FILE RECEPTOR
.FILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> FILE RECEPTOR
'RECEPTOR' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'STNGUIDE'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.36	0.57

FILE 'MEDLINE' ENTERED AT 14:07:41 ON 20 OCT 2004

FILE 'LIFESCI' ENTERED AT 14:07:41 ON 20 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'BIOSIS' ENTERED AT 14:07:41 ON 20 OCT 2004
Copyright (c) 2004 The Thomson Corporation.

=> S flipr AND BUFFER
L1 1 FLIPR AND BUFFER

=> D

L1 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
AN 2001:520159 BIOSIS
DN PREV200100520159
TI Cannabinoid receptor regulation of veratridine-induced calcium influx in
cerebellar granule cells.
AU Miller, C. C. [Reprint author]; Murray, T. F. [Reprint author]
CS Dept. of Physiology and Pharmacology, Univ Georgia, Athens, GA, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 1009.
print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 7 Nov 2001
Last Updated on STN: 23 Feb 2002

=> S FLIPR AND SODIUM-FREE
L2 0 FLIPR AND SODIUM-FREE

=> S FLIPR AND SODIUM

L3 17 FLIPR AND SODIUM

=> DUP REM L3

PROCESSING COMPLETED FOR L3

L4 14 DUP REM L3 (3 DUPLICATES REMOVED)

=> D 1

L4 ANSWER 1 OF 14 MEDLINE on STN
AN 2004236505 MEDLINE
DN PubMed ID: 15135308
TI Pharmacological characterization of human excitatory amino acid transporters EAAT1, EAAT2 and EAAT3 in a fluorescence-based membrane potential assay.
AU Jensen Anders A; Brauner-Osborne Hans
CS Department of Medicinal Chemistry, The Danish University of Pharmaceutical Sciences, Universitetsparken 2, DK-2100 Copenhagen, Denmark.. aaj@dfuni.dk
SO Biochemical pharmacology, (2004 Jun 1) 67 (11) 2115-27.
Journal code: 0101032. ISSN: 0006-2952.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200406
ED Entered STN: 20040512
Last Updated on STN: 20040624
Entered Medline: 20040621

=> D 2

L4 ANSWER 2 OF 14 MEDLINE on STN
AN 2004068811 MEDLINE
DN PubMed ID: 14769548
TI Comparison of the pharmacological properties of rat Na(V)1.8 with rat Na(V)1.2a and human Na(V)1.5 voltage-gated **sodium** channel subtypes using a membrane potential sensitive dye and **FLIPR**.
AU Vickery R G; Amagasu S M; Chang R; Mai N; Kaufman E; Martin J; Hembrador J; O'Keefe M D; Gee C; Marquess D; Smith J A M
CS Theravance Inc., 901 Gateway Boulevard, South San Francisco, CA 94080, USA.. rvickery@theravance.com
SO Receptors & channels, (2004) 10 (1) 11-23.
Journal code: 9315376. ISSN: 1060-6823.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200410
ED Entered STN: 20040211
Last Updated on STN: 20041008
Entered Medline: 20041007

=> D 3

L4 ANSWER 3 OF 14 MEDLINE on STN
AN 2003209327 MEDLINE
DN PubMed ID: 12626508
TI Hypertonicity activates Na⁺/H⁺ exchange through Janus kinase 2 and calmodulin.
AU Garnovskaya Maria N; Mukhin Yurii V; Vlasova Tamara M; Raymond John R
CS Medical and Research Services, Ralph H. Johnson Veterans Affairs Medical Center, Charleston, South Carolina 29425, USA.. garnovsk@muscd.edu
NC DK52448 (NIDDK)

K01-DK02694 (NIDDK)
SO Journal of biological chemistry, (2003 May 9) 278 (19) 16908-15.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200306
ED Entered STN: 20030506
Last Updated on STN: 20030701
Entered Medline: 20030630

=> D 4

L4 ANSWER 4 OF 14 MEDLINE on STN DUPLICATE 1
AN 2003269683 MEDLINE
DN PubMed ID: 12795614
TI Mitogen-induced activation of Na⁺/H⁺ exchange in vascular smooth muscle cells involves janus kinase 2 and Ca²⁺/calmodulin.
AU Garnovskaya Maria N; Mukhin Yurii V; Turner Justin H; Vlasova Tamara M; Ullian Michael E; Raymond John R
CS Medical and Research Services, Ralph H. Johnson Veterans Affairs Medical Center, and Department of Medicine (Nephrology Division), Medical University of South Carolina, Charleston, South Carolina 29425, USA..
garnovsk@musc.edu
NC DK52448 (NIDDK)
K01-DK02694 (NIDDK)
S10RR013005 (NCRR)
SO Biochemistry, (2003 Jun 17) 42 (23) 7178-87.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200307
ED Entered STN: 20030611
Last Updated on STN: 20030725
Entered Medline: 20030724

=> D 5

L4 ANSWER 5 OF 14 MEDLINE on STN
AN 2004193652 MEDLINE
DN PubMed ID: 15090193
TI Jak2 and Ca²⁺/calmodulin are key intermediates for bradykinin B2 receptor-mediated activation of Na⁺/H⁺ exchange in KNRK and CHO cells.
AU Lefler David; Mukhin Yurii V; Pettus Tobiah; Leeb-Lundberg L M Fredrik; Garnovskaya Maria N; Raymond John R
CS Department of Medicine (Nephrology Division) of the Medical University of South Carolina, Charleston, South Carolina, USA.
NC DK02694 (NIDDK)
DK52448 (NIDDK)
S10RR13656 (NCRR)
SO Assay Drug Dev Technol, (2003 Apr) 1 (2) 281-9.
Journal code: 101151468. ISSN: 1540-658X.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200409
ED Entered STN: 20040420
Last Updated on STN: 20040904

Entered Medline: 20040903

=> D 6

L4 ANSWER 6 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 2004:201455 BIOSIS
DN PREV200400202013
TI Development of **FLIPR** - based optical assays to characterize
neuronal **sodium** channel function and synaptic activity.
AU Hicks, C. D. [Reprint Author]; Rutherford-Root, K. L.; McKinley, D. D.;
Gotow, L. F.; Hein, N. D.; Wolfe, M. L.; Dinh, D. M.; Hurst, R. S.;
Roberds, S. L.; Groppi, V. E.
CS Pharmacol., Pfizer, Kalamazoo, MI, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)
Vol. 2003, pp. Abstract No. 579.7. <http://sfn.scholarone.com>. e-file.
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Apr 2004
Last Updated on STN: 14 Apr 2004

=> D 7

L4 ANSWER 7 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 2003:73914 BIOSIS
DN PREV200300073914
TI Use of **FLIPRTM** in the characterisation of voltage-gated **sodium**
channels in the SH-SY5Y human neuroblastoma cell line.
AU Walsh, K. L. [Reprint Author]; Barratt, L. [Reprint Author]; Newberry, N.
R. [Reprint Author]; Sheardown, M. J. [Reprint Author]; Bickerdike, M. J.
[Reprint Author]; Malcolm, C. S. [Reprint Author]
CS Vernalis Research Ltd, 613 Reading Road, Winnersh, Oakdene Court, Berks,
RG41 5UA, UK
SO British Journal of Pharmacology, (December 2002) Vol. 137, No. Proceedings
Supplement, pp. 105P. print.
Meeting Info.: Meeting of the British Pharmacological Society. Glasgow,
UK. September 04-06, 2002. British Pharmacological Society.
ISSN: 0007-1188 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 29 Jan 2003
Last Updated on STN: 29 Jan 2003

=> D 8

L4 ANSWER 8 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 2003:380236 BIOSIS
DN PREV200300380236
TI REGULATION OF EXPRESSION OF THE SENSORY NEURON - SPECIFIC **SODIUM**
CHANNEL Na⁺V1.8.
AU Poon, W. Y. L. [Reprint Author]; Baker, M. D. [Reprint Author];
Malik-Hall, M. [Reprint Author]; Wood, J. N. [Reprint Author]; Okuse, K.
[Reprint Author]
CS Biology, University College London, London, UK
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)

Vol. 2002, pp. Abstract No. 834.12. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 20 Aug 2003
Last Updated on STN: 20 Aug 2003

=> D 9

L4 ANSWER 9 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 2003:269260 BIOSIS
DN PREV200300269260
TI DIFFERENCES IN TOXIN INTERACTIONS BETWEEN TTX - SENSITIVE, CARDIAC AND PN3
Na+ CHANNELS REVEALED BY Na+/Ca - COUPLED ASSAY.
AU Downey, S. L. [Reprint Author]; Miller, J. L. [Reprint Author]; Miljanich,
G. P. [Reprint Author]
CS Pharmacology, Elan Pharmaceuticals, South San Francisco, CA, USA
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 99.9. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT Conference; (Meeting)
Conference; (Meeting Poster)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 11 Jun 2003
Last Updated on STN: 11 Jun 2003

=> D 10

L4 ANSWER 10 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 2002:4132 BIOSIS
DN PREV200200004132
TI Identification of a potent and selective antagonist of vanilloid
receptor-1, SB-366791.
AU Davis, J. B. [Reprint author]; Gunthorpe, M. J. [Reprint author]; Jerman,
J. C. [Reprint author]; Gray, J. [Reprint author]; Smith, G. D. [Reprint
author]; Davies, C. H. [Reprint author]; Randall, A. D. [Reprint author];
Smart, D. [Reprint author]; Rami, H. K.; Wyman, P. A.
CS Neuroscience Research, GlaxoSmithKline, Harlow, Essex, UK
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2414.
print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San
Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

=> D 11

L4 ANSWER 11 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
STN
AN 2002:2827 BIOSIS

DN PREV200200002827
 TI Titratable expression of ion channels in mammalian cells utilizing baculovirus transduction.
 AU Pfohl, J. L. [Reprint author]; Truax, J. F. [Reprint author]; Lang, D. G. [Reprint author]; Parham, J. H.; An, G.; Apolito, C. J.; Townsend, C. G. [Reprint author]; Condreay, P. P.; Worley, J. F. [Reprint author]
 CS Molecular Endocrinology, GlaxoSmithKline, Research Triangle Park, NC, USA
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2149. print.
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 28 Dec 2001
 Last Updated on STN: 25 Feb 2002

=> D 12

L4 ANSWER 12 OF 14 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN
 AN 2001:488810 BIOSIS
 DN PREV200100488810
 TI The anticonvulsant and antiallodynic agents RWJ-38116 and RWJ-37874 block voltage-gated **sodium** channel activity in SK-N-SH neuroblastoma cells.
 AU Ryan, R. R. [Reprint author]; Momplasisir, M. L. [Reprint author]; Codd, E. E. [Reprint author]
 CS RW Johnson Pharmaceutical Research Institute, Spring House, PA, USA
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 391. print.
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
 ISSN: 0190-5295.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 17 Oct 2001
 Last Updated on STN: 23 Feb 2002

=> D 13

L4 ANSWER 13 OF 14 MEDLINE on STN DUPLICATE 2
 AN 2001259948 MEDLINE
 DN PubMed ID: 11230991
 TI Pharmacological characterisation of human 5-HT2 receptor subtypes.
 AU Jerman J C; Brough S J; Gager T; Wood M; Coldwell M C; Smart D; Middlemiss D N
 CS Neuroscience Research, SmithKline Beecham Pharmaceuticals, New Frontiers Science Park, Third Avenue, Essex CM19 5AW, Harlow, UK..
 Jeff_Jerman-1@sbphrd.com
 SO European journal of pharmacology, (2001 Feb 23) 414 (1) 23-30.
 Journal code: 1254354. ISSN: 0014-2999.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200105
 ED Entered STN: 20010521
 Last Updated on STN: 20010521
 Entered Medline: 20010517

=> D 14

L4 ANSWER 14 OF 14 MEDLINE on STN DUPLICATE 3
AN 2000199861 MEDLINE
DN PubMed ID: 10737600
TI Brevetoxin-induced autocrine excitotoxicity is associated with manifold routes of Ca²⁺ influx.
AU Berman F W; Murray T F
CS Department of Physiology and Pharmacology, College of Veterinary Medicine, University of Georgia, Athens 30602, USA.
SO Journal of neurochemistry, (2000 Apr) 74 (4) 1443-51.
Journal code: 2985190R. ISSN: 0022-3042.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200004
ED Entered STN: 20000421
Last Updated on STN: 20000421
Entered Medline: 20000411

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.22	18.79

FILE 'STNGUIDE' ENTERED AT 14:10:43 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 15, 2004 (20041015/UP).

=>

=> S CATION CHANNEL AND FLIPR

0 CATION
0 CHANNEL
0 CATION CHANNEL
(CATION(W)CHANNEL)
0 FLIPR

L5 0 CATION CHANNEL AND FLIPR

=> FILE .RECEPTOR

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.62	20.41

FILE 'MEDLINE' ENTERED AT 14:26:54 ON 20 OCT 2004

FILE 'LIFESCI' ENTERED AT 14:26:54 ON 20 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'BIOSIS' ENTERED AT 14:26:54 ON 20 OCT 2004
Copyright (c) 2004 The Thomson Corporation.

=> S CATION CHANNEL AND FLIPR

L6 5 CATION CHANNEL AND FLIPR

=> DUP REM L6

PROCESSING COMPLETED FOR L6

L7 3 DUP REM L6 (2 DUPLICATES REMOVED)

=> D 1

L7 ANSWER 1 OF 3 MEDLINE on STN DUPLICATE 1
AN 2003575783 MEDLINE
DN PubMed ID: 14654105
TI Identification and characterisation of SB-366791, a potent and selective
vanilloid receptor (VR1/TRPV1) antagonist.
CM Erratum in: Neuropharmacology. 2004 May;46(6):905
AU Gunthorpe M J; Rami H K; Jerman J C; Smart D; Gill C H; Soffin E M; Luis
Hannan S; Lappin S C; Egerton J; Smith G D; Worby A; Howett L; Owen D;
Nasir S; Davies C H; Thompson M; Wyman P A; Randall A D; Davis J B
CS Neurology and GI-CEDD, New Frontiers Science Park, GlaxoSmithKline,
Harlow, Essex, CM19 5AW, UK.. martin_j_gunthorpe@gsk.com
SO Neuropharmacology, (2004 Jan) 46 (1) 133-49.
Journal code: 0236217. ISSN: 0028-3908.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200404
ED Entered STN: 20031216
Last Updated on STN: 20040406
Entered Medline: 20040405

=> D 2

L7 ANSWER 2 OF 3 MEDLINE on STN
AN 2004518994 IN-PROCESS
DN PubMed ID: 15489017
TI Cloning and pharmacological characterization of mouse TRPV1.
AU Correll Craig C; Phelps P Tara; Anthes John C; Umland Shelby; Greenfeder
Scott
CS Department of Neurobiology, Schering-Plough Research Institute, 2015
Galloping Hill Road, K15-1-1600 Kenilworth, NJ 07033, USA.
SO Neuroscience letters, (2004 Nov 3) 370 (1) 55-60.
Journal code: 7600130. ISSN: 0304-3940.
CY Ireland
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-DATA-REVIEW; IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20041019
Last Updated on STN: 20041019

=> D 3

L7 ANSWER 3 OF 3 MEDLINE on STN DUPLICATE 2
AN 2002165027 MEDLINE
DN PubMed ID: 11897058
TI A novel membrane potential-sensitive fluorescent dye improves cell-based
assays for ion channels.
AU Baxter Deborah F; Kirk Martin; Garcia Amy F; Raimondi Alejandra; Holmqvist
Mats H; Flint Kimberly K; Bojanic Dejan; Distefano Peter S; Curtis Rory;
Xie Yu
CS Millennium Pharmaceuticals, Inc., Cambridge, MA 02139, USA.
SO Journal of biomolecular screening : official journal of the Society for
Biomolecular Screening, (2002 Feb) 7 (1) 79-85.
Journal code: 9612112. ISSN: 1087-0571.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English

FS Priority Journals
EM 200206
ED Entered STN: 20020319
Last Updated on STN: 20020627
Entered Medline: 20020626

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.09

23.50

FILE 'STNGUIDE' ENTERED AT 14:28:38 ON 20 OCT 2004
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Oct 15, 2004 (20041015/UP).

=> FILE .RECEPTOR

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.54

24.04

FILE 'MEDLINE' ENTERED AT 14:34:17 ON 20 OCT 2004

FILE 'LIFESCI' ENTERED AT 14:34:17 ON 20 OCT 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'BIOSIS' ENTERED AT 14:34:17 ON 20 OCT 2004
Copyright (c) 2004 The Thomson Corporation.

=> S HCN AND FLIPR

L8 0 HCN AND FLIPR

=> S HCN* AND FLIPR

L9 0 HCN* AND FLIPR

=> S HCN* AND FLIPRTM

L10 0 HCN* AND FLIPRTM

=> LOGOFF HOLD

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.60

30.64

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 14:39:11 ON 20 OCT 2004